

Application No.: 10/717,676  
Amendment filed on December 29, 2006  
Reply to Office Action dated October 4, 2006

Docket No.: 8734.260.00-US

### REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Non-Final Office Action dated October 4, 2006 has been received and its contents carefully reviewed.

Claims 18 and 19 are hereby amended. No new matter is added. Claims 1-19 are pending and claims 1-17 are withdrawn from consideration. Accordingly, claims 18 and 19 are examined. Reexamination and reconsideration of the examined claims are respectfully requested.

In the Office Action, claims 18 and 19 are rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) as obvious over U.S. Patent No. 6,177,301 to Jung (hereinafter “Jung”). The rejection of claims 18 and 19 is respectfully traversed and reconsideration is requested.

Claims 18 and 19 are allowable over Jung in that each claim recites “a polycrystalline silicon film having laterally arranged silicon grains and defect sites formed along grain boundaries.” Jung does not teach or suggest at least these features of the claimed invention. Jung is completely silent with respect to “defect sites formed along grain boundaries.” Jung teaches forming a polycrystalline silicon layer using a sequential lateral solidification process and then patterning the polycrystalline layer. See, for example, column 3, lines 59-66. It is neither inherent nor obvious in Jung that “the polycrystalline silicon film” has “defect sites formed along grain boundaries.” Accordingly, because Jung fails to teach or suggest these features of claims 18 and 19, Applicant respectfully submits that claims 18 and 19 are allowable over Jung.

Applicant believes the foregoing amendments and remarks place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to

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discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: December 29, 2006

Respectfully submitted,

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